**FORM PTO-1449** 

INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)

Docket No.: 4167-13

Applicant: Frank W. Adams, et al. 2 1999 J.S. Serial No.: C

For: ELEVATOR SYSTEM HAZING DRIVE MOTOR LOCATED

CAR AND HOISTWAY SIDEW

09/163,259

September 29, 1998

Froup Art Unit: 同语的是WED

JAN 26 1999

# U.S. PATENT DOCUMENTS CROUP 3600

Examiner's	Patent	Patent		Class
<u>Initials</u>	<u>Number</u>	<u>Date</u>	Name	<u>Subclass</u>
SBM.	1,071,309	08/26/13	B.R. Goggin	\
1	3,101,130	08/20/63	Edoardo Giuseppe	1
1	•		Bianca	•
	4,949,815	08/21/90	Pavoz	187/20
	5,429,211	07/04/95	Aulanko et al.	187/254
	5,435,417	07/25/95	Hakala	187/404
-	5,469,937	11/28/95	Hakala et al.	187/266
BBM	5,490,578	02/13/96	Aulanko et al.	187/254

#### **FOREIGN PATENT DOCUMENTS**

Examiner's	Document			Class/	Tran	slation
<u>Initials</u>	Number	<u>Date</u>	<b>Country</b>	<u>Subclass</u>	<u>Yes</u>	<u>No</u>
8BM	WO 96/09978	04/04/96	PCT		X	
	0 606 875 A1	01/10/94	Europe		Χ	
	0 688 735 A2	06/13/95	Europe		Χ	
	EP 0 710 618 A2	10/27/95	Europe		Χ	
	EP 0 749 930 A2	06/12/96	Europe		Χ	
	EP 0 784 030 A2	06/27/94	Europe		Χ	
	EP 0 749 931 A2	06/12/96	Europe		Χ	
	EP 0 779 233 A2	06/27/94	Europe		X	
	DE 296 15 921 U1	04/10/97	Germany	•		Χ
	1 032 496	06/19/58	Australia	l		X
	GB 2 138 397 B	11/20/85	Great Bri	tian	Χ	
	GB 2 2-1 657 B	08/01/90	Great Bri	tian	Χ	
•	1-242386	09/27/89	Japan			X
8BM	2 640 604	12/15/88	France			X

St B. millet

3/29/99

# **OTHER DOCUMENTS**

Examiner's <u>Initials</u>

FE Elevator Mechanical Design, Principles and Concepts", by Lubomir Janovsky, Ellis Horwood Limited (1987)

EXAMINE

DATE CONSIDERED

Ste B. millest

8/29/99

**EXAMINER**:

Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

# FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)



Sheet 1 of 2

Just /2 #3

Docket No.: 4167-13 U.S. Serial No.: 09/163,259

Applicant: Pedro Baranda, et al. U.S. Filing Date: September 29, 1998

For: ELEVATOR SYSTEM HAVING Group Art Unit: 3615

DRIVE MOTOR LOCATED BETWEEN

ELEVATOR CAR AND HOISTWAY SIDEWALL

RECEIVED

**U.S. PATENT DOCUMENTS** 

MAR 1 0 1999

Examiner's <u>Initials</u>	Patent <u>Number</u>	Patent Date	Name GROUP 3600	Class <u>Subclass</u>
TBM	4,570,753	02/18/86	Ohta, et al.	187/1
1	4,664,230	05/12/87	Olsen	187/39
- 1	PCT/FI95/00530	04/04/96	Mustalahti, et al.	i
- 1	PCT/FI97/00823	07/09/98	Aulanko, et al.	
	PCT/FI97/00824	07/09/98	Aulanko, et al.	
	PCT/FI98/00205	09/17/98	Pettersson, et al.	
<b>S</b> C: .	PCT/FI98/00207	09/17/98	Pettersson, et al.	l
SBM	PCT/EP98/02549	11/12/98	Schlecker, et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner's <u>Initials</u>	Document <u>Number</u>	<u>Date</u>	Class/ Country Subcla					
8Pm	EP 0 680 920	05/04/95	Europe	X				
1.	EP 0 719 724	12/21/95	Europe	Χ				
	DE 1 000 138	01/03/57	Germany	Χ				
	JP 4-50297	01/03/57	Japan	Χ				
	DE T-7395	11/26/92	Germany	X				
	IP 58-184480	JP 58-184480 09/16/54 Japan						
	GB 2 223 471	GB 2 223 471 12/08/83 Great Brita						
	DE 436 619	11/15/67	Germany	X				
1	JP 1-267286	10/25/89	Japan	X				
	DE 1 033 383	07/03/58	Germany	X				
	JP 5-70057	03/23/93	Japan	X				
	JP 63-178277	11/18/88	Japan	X				
	JP 63-178278	11/18/88	Japan	X				
	GB 2,201,657	09/07/88	Great Britain	X				
	DE 1,032,496	06/19/58	Germany	X				
	GB 1 401 197	06/30/72	Great Britain	Χ				
Tim	EP 0 846 645	11/14/97	Europe	X				

5t-B. m. allot

8/26/99

### **OTHER DOCUMENTS**

	OTHER BOCOMENTS
Examiner's <u>Initials</u>	•
Sami	"Hannover Fair: Another new idea from ContiTech - Lifting belts for elevators", ContiTech initiav 1/98 (Hannover Fair '98)
- Tom	"Der Fahrstuhl", by Die, Geschichte, der vertikalen Eroberung, 9 Siemens, Anm. 2, S. 373 (1984).
EXAMINER	DATE CONSIDERED
St_ B. mill	1st 8/26/99

**EXAMINER**:

Please initial if citation is considered, and whether or not citation is in conformance with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant(s).

				_		ı .>											<b>.</b>	T'eut	ل -}	r.he	>		
Form PTO-1449 U.S. Departr. of Commerce										ce	Attorney Docket No. Serial No.								·				
(R	ev.	8-83	3)			Pat	tent	and	Tr	Šma	rk Offic	2,5	OT 4228										
										0	, , , , ,	٠¿	OT-4328 09/163,259										
İ			Inf	orm	atio	n Di	isclo	sure	: Cit	/ ation	JH S 8 1899	<i>E</i>	<b>ω</b> /* ·										
									-	1	WF		Syrank W. Adams, et al.										
(Use several sheets if necessity)									Filing Date:						Group:								
<u> </u>											TRADE	DA			29, 19			3	652				
Ex	xaminer Document Number Date					PA	ATENT DOCUMENTS  Name  Cla						lass Subclass			Filin	g Date						
Initial   Bocament Number   Bate								1 1441.					Class		iocia	133	If	3 Date					
				L																		Appr	opriate
_5	Phy. 5 4 2 9 2 1 1 7/9			7/95		Aul	anko, e	et al.			B66B	187											
				┼—	╀	+	┼	+	╁	+	<del> </del>		<u> </u>									<del></del>	
<u> </u>				+	╆	+	+	+	+-	+								<u> </u>	+-				<del></del>
				†	$\vdash$	┢	+	+	+	+	-	—	<u> </u>				-	<del>                                     </del>			-		
								工							•						$\neg$		
				igsqcup	<u> </u>	$oxed{oxed}$	$oxed{oxed}$	$\perp$	$oxed{oxed}$														
<u> </u>				—	—		╄	┿	╄	<b>↓</b>													
-				$\vdash$	├	$\vdash$	$\vdash$	┼-	╄	—				_					_				
<u> </u>		$\rightarrow$		$\vdash$	$\vdash$	+	+	+	+	+-			-						+		$\dashv$		
				†		╁	+	+	+	+									-		$\dashv$		<del></del>
							T	1	1					· -				-	+		۵	Ħ	12:
				L	lacksquare	$oxed{oxed}$	$oxed{oxed}$	$\mathbf{L}$	L												99	CNOL	
				ـــــ	ــــ	ऻ	₩	<del> </del>	igspace	—	ļ				-				<u> </u>		E	<u> </u>	1 1 1 1
				├-	├	╁	+	+	+-	+-	<u> </u>								-		⊹	- G	
		<u>.</u>		Ь	<u> </u>	Л	<u> </u>	<u> </u>	<u> </u>		FOREIC	IN:	· PATE	ENT D	OCUM	ENTS		L			=	CENT	
Exan Initia			T	Docu	ıment	t Num	ber				Date			Coun		21110		Class	S	ubclass		Trans	slation
78	344		+	2	3	3	3	1	2	0	1/75			Germany			B66I	<del>.  </del> -		1	<u> </u>	s/No	
310	1		7		9	7	1	0	$\frac{2}{7}$	32	9/97		Germany				B66F			9	No		
			$\dashv$		8	0	2	3	8	6	8/8		Germany		W-2	B66B				No			
				0	6	8	6	5	9	4	12/		EPO		=*-	B66B		Yes					
				0	6	8	8	7	3	5	12/	95	EPO		• • •	B66B		Yes					
				0	7	1	0	6	1	8	5/9	6		EPC	)			B66B		Yes			
,				0	7	1	9	7	2	4	7/9			EPC	)			B66E	3		7	Yes	
TP N	n			2	1	2	5	3	6	_2	7/8	4		UK				B66I	)		T	Yes	
			$\perp$											<u> </u>									
	1				TH	ER	DC	CI	JMI	ENT	S (Inch	ıdi	ng A	uthor	Title,	Date	, Perti	nent Pa	ges,	Etc.	<u>)                                    </u>		
			4	$\dashv$	PC	1 56	earc	h K	epoi	rt for	: Serial I	No.	PCT	7US9	9/0364	5 date	d June	16, 199	9				· 
			$\dashv$	$\dashv$													-						
Ex	am	iner						—					<u>.</u>			T Dot	to Con	aidomad .					
LA																Dai	e Con	sidered					
	S	tu	_	及	. 2	nil	ll.	te	<b>T</b>							8	126	199					
*E	xar	nine	r:	Initia	ıl if (	citati	on c	onsi	derec	d, who	ether or n	ot c	itation	is in c	onforma			P 609; Dr	aw lir	e thr	ona	h citati	on if
not	in o	confo	rma	ınce	and	not c	onsi	idere	d. Ir	nclud	e copy of	the	form	with ne	xt comr	nunica	tion to a	pplicant.			6		J